

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: June 26, 1995

Date Received: June 23, 1995

Project: #7238, Tank Strength, PO M41760

Date Extracts Analyzed: June 26, 1995

RESULTS FROM THE ANALYSIS OF THE PROCESS WATER SAMPLES

FOR PERCENT ACID AS HN0_3

Results Reported as Percent Acid by Weight

<u>Sample ID</u>	<u>Percent Acid</u>
M41760 A Large Tank	9.5
M41760 B Small Tank	6.3

Quality Assurance

M41760 B Large Tank (Duplicate)	9.5
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Project: #7238, Tank Strength, PO M41760
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**RESULTS FROM THE ANALYSIS OF PROCESS WATER SAMPLES
FOR SPECIFIC GRAVITY @ 15.56°C**

<u>Sample ID</u>	<u>Specific Gravity</u>
M41760 A Large Tank	1.3
M41760 B Small Tank	1.2

Quality Assurance

M41760 B Large Tank (Duplicate)	1.2
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FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

June 26, 1995

Gerald Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the additional testing of material submitted on June 23, 1995 from your project #7238, Tank Strength, PO M41760.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Bradley T. Benson
Chemist

jdp
Enclosures

ACU0626R

AKC-0012784

WASK

BTLD HL
06.23.95
1:34

MAN & BRUYA, INC.
10th Avenue West
Seattle, WA 98119-2029
(206) 285-8282

SAMPLE CHAIN OF CUSTODY

Report To: Alaska Copper Works
Company: 6288 Harbor St
State, Zip: Seattle WA 98134
Phone #: (206) 382-8379

Contact: Gerald Thompson
Date: 6-23-95

NO. <u>238</u>	PROJECT NAME <u>TANK Strength</u>	PURCHASE ORDER # <u>m 41760</u>
LEPS (signature) <u>[Signature]</u>		PROJECT LOCATION <u>3200 6th Ave S.</u>
RKS <u>Push!! Please</u>		SAMPLE DISPOSAL INFORMATION
		<input type="checkbox"/> Dispose after 30 days
		<input checked="" type="checkbox"/> Return Samples
		<input type="checkbox"/> Call for Instructions

Sample #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample #	Analyses Requested
11760 A Large Tank	6/23 12:40	H2O	1	60122	% of Acid by wt & SPEC. Gravity
6					
11760 B Small Tank	6/23 12:40	H2O	1	60123	% of Acid by wt & SPEC. Gravity

SIGNATURE	PRINT NAME	COMPANY	Date	Time
Initialed by: <u>[Signature]</u>	<u>GERALD Thompson</u>	<u>ACW</u>	<u>6/23/95</u>	<u>1:15</u>
Initialed by: <u>[Signature]</u>	<u>Cathy Downing</u>	<u>FBI</u>	<u>6/23/95</u>	<u>1:13pm</u>
Initialed by:				

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DUPLICATE COPY

June 26, 1995

INVOICE # 95ACU0626-2

Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project #7238, Tank Strength, PO M41760: Results of testing requested by
Gerald Thompson, Project Leader for material submitted on June 23, 1995.

2 process water samples analyzed for Percent Acid by Weight @ \$20 per sample	\$ 40.00
2 process water samples analyzed for Specific Gravity @ \$10 per sample	<u>20.00</u>
Amount Due	\$ 60.00